

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210  
DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
DISTRICT IV  
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised July 16, 2010  
Submit to Appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-015-37465</b>	Pool Code <b>96836</b>	Pool Name <b>RED LAKE; Gloria - YESO No</b>
Property Code <b>302494</b>	Property Name <b>FIR FEDERAL</b>	Well Number <b>2</b>
OUGRID No. <b>229137</b>	Operator Name <b>COG OPERATING, LLC</b>	Elevation <b>3581'</b>

Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	25	17-S	27-E		2430	SOUTH	900	WEST	EDDY

Bottom Hole Location If Different From Surface									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	25	17-S	27-E		2310	SOUTH	990	WEST	EDDY
Dedicated Acres		Joint or Infill	Consolidation Code		Order No				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		<p><b>RECEIVED</b> SEP 26 2011 NMOCD ARTESIA</p>		<p><b>OPERATOR CERTIFICATION</b> I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that the organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p>	
		<p><b>GEODETIC COORDINATES</b> NAD 27 NME <b>SURFACE LOCATION</b> Y=656381.8 N X=529480.3 E LAT.=32.804446° N LONG.=104.237387° W <b>BOTTOM HOLE LOCATION</b> Y=656261.1 N X=529570.6 E</p>		<p>Signature _____ Date _____ Printed Name _____ E-mail Address _____</p>	
<p><b>SECTION TABLE</b> QUARTER &amp; SIXTEENTH CORNER COORDINATES</p> <p>① - Y=650392.4 N, X=528580.4 E ② - Y=655584.8 N, X=529901.1 E ③ - Y=655275.7 N, X=528582.3 E ④ - Y=655267.1 N, X=529904.6 E</p>		<p><b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p>		<p><b>JUNE 8, 2011</b></p>	
		<p>Date of Survey _____ Signature of Licensed Professional Surveyor: _____</p>		<p> DSS Rev: 8/16/11 JWSC W.O.: 11.13.1797</p>	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ATS-11-449

FORM APPROVED  
OMB NO 1004-0135  
Expires July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NMNM94593
2 Name of Operator COG OPERATING LLC		6 If Indian, Allottee or Tribe Name
Contact KELLY J HOLLY E-Mail kholly@conchoresources.com		7 If Unit or CA/Agreement, Name and/or No
3a Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79707	3b Phone No (include area code) Ph 432-685-4384	8 Well Name and No FIR FEDERAL 2
4 Location of Well (Footage Sec T R M or Survey Description) Sec 25 T17S R27E Mer NMP NWSW 2430FSL 900FWL		9 API Well No
		10 Field and Pool, or Exploratory RED LAKE, GLORIETA YESO NE
		11 County or Parish, and State EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change to Original APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

COG Operating submitted APD for this well at this location

2430 FSL &amp; 900 FWL, UNIT 1

COG Operating respectfully requests permission change this well from vertical to directional

SHL 2430' FSL &amp; 900' FWL, SEC 25, T17S, R27E, Unit L

BHL 2310' FSL &amp; 990' FWL, SEC 25, T17S, R27E, Unit L

*Engineering Reviewed by Ed Fernandez 9/19/2011*

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #115538 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad	
Name (Printed/Typed) KELLY J HOLLY	Title PERMITTING TECH
Signature (Electronic Submission)	Date 08/19/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #115538 that would not fit on the form**

**32. Additional remarks, continued**

A Revised C-102 is attached for your review

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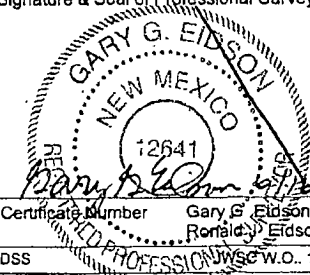
API Number 30-015	Pool Code 96836	Pool Name Red Lake; Glorieta-Yeso, Northeast
Property Code 302494	Property Name FIR FEDERAL	Well Number 2
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3581'

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	25	17-S	27-E		2430	SOUTH	900	WEST	EDDY

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No						

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<div style="text-align: center;"><b>RECEIVED</b> SEP 26 2011 NMOGD ARTESIA</div> <div style="text-align: center;">GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=656381.8 N X=529480.3 E LAT = 32 804446" N LONG. = 104 237387" W</div> <div style="text-align: center;">DETAIL 3577.2' 3580.9' 600' 3579.2' 3585.7'</div> <div style="text-align: center;">900' 2430' S L SEE DETAIL</div>	<b>OPERATOR CERTIFICATION</b> I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature: <i>Kelly J. Holly</i> Date: 6-20-11 Printed Name: Kelly J. Holly E-mail Address: kholly@conchoresources.com
	<b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  JUNE 8, 2011 Date of Survey Signature & Seal of Professional Surveyor <div style="text-align: center;"> Certificate Number: Gary G. Eidson 12641 Ronald J. Eidson 3239 DSS: NEW MEXICO PROFESSIONAL SURVEYORS 11.11.0796</div>